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CURRICULUM VITAE

1. PERSONAL DETAILS

Name: PHILLIPS, Keith

Date of Birth: REDACTED

Job Title: Manager, Analytical Chemistry

Education:

'O' Levels in English Language, English Literature, Welsh, French, Geology, Physics, Maths, Chemistry, Special Arithmetic

ONC Denbighshire Technical College
Chemistry, Mathematics, General Studies.

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(Part 1)

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| 1973 | Elected Licentiate of the Royal Society of Chemistry |
| 1982 | GRSC (by counselled experience). |
| 1991 | Elected Fellow of the Royal Society of Chemistry. |

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2. PRESENT EMPLOYMENT

Hazleton UK

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| 1989-Date | Head of Analytical Chemistry<br>Responsible for Residues Chemistry, Physicochemistry, Chemistry Services.<br>The service offered encompasses GC, HPLC, FTIR, GCMS, LCMS for the Agrochemical Industry. |
| 1985-1989 | Head of Chemistry Services<br>Responsible for the Instrument Laboratory, Mass Spectrometry facility, and Formulation Analysis comprising of Tobacco, Toxicology Support and Pharmaceutical Analysis.<br>Responsible for scheduling and revenues projection for all sections within Chemistry Operations and provision of PBUs for business development. Also interfacing between operations and BD for present and forecasted workloads. |
| 1983-1985 | Head of Chemistry Operations<br>Responsible for all aspects of the administration, organisation and management of Chemistry Operations ie Analytical and Metabolic. This covers the actual performance, both scientific and financial, of all the projects carried out for clients within chemistry and meeting the standards laid down by company policy. The scope includes all the resources, human and physical attached to this area, and demands motivation of all the people involved.<br><br>Also responsible for ensuring the smooth and efficient day-to-day running of the profit centre by active participation and control and by maintaining a close liaison with the |

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Director of Chemistry and the Principal Scientist for Metabolism and Pharmacokinetics in regard to proposal activities and project status.

1978-1983

Head of Central Dispensary
Initially made responsible for setting up the facility and resources to run it. Responsible for the management of all test articles received at Hazleton, in accordance with Good Laboratory Practice (GLP) regulations. The formulation of all the materials using detailed Standard Operating Procedures, training staff, preparation and implementation of career development programmes, competence check lists etc. Also responsible for all financial aspects of the department.

1974-1978

Senior Residues Analyst
Responsible for the development/evaluation and subsequent application of many analytical procedures for measurement of crop protection chemical residues. Project Manager for a series of plant and soil metabolism studies using mainly radiochemical techniques.

3. PAST EMPLOYMENT

1972-1974

Tobacco Research Council Laboratories
Analyst/Synthetic Chemist
Primarily concerned with investigations into the possible effects of tobacco smoking on health.
Responsible for the synthesis of an unsaturated precursor subsequently reduced using tritium gas to give a high specific

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Source: https://www.industrydocuments.ucsf.edu/docs/fklm0000

radioactivity material for inclusion in the tobacco. Also involved with the evaluation of 2, 4-D and 2, 4, 5-T as endogenous cigarette smoke markers.

1970-1972

Wellcome Foundation, Berkhamsted
Principal Senior Technician
Responsible for the day to day management of all senior and junior technicians and reported directly to the Head of the Chemotherapy Unit. Actively involved in the synthesis of cyclopropane carboxylic acid derivatives (chrysanthemates) subsequently used for synthesis of pyrethroids. Gained wide experience of Grignard reagents during this period of employment.

1965-1969

Monsanto Chemicals Limited, Ruabon
Trainee technician - Senior Technician
During the first 12 months became acquainted with the handling and use of organic chemicals and received training in basic laboratory techniques.
Final position was as a senior technician reporting directly to a senior chemist. Gained experience in the synthesis of a wide range of anti-ozonant compounds and their subsequent testing using a rheometer for the studies of rubber vulcanisation reactions.

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4. TRAINING COURSES

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| 1971-1972 | Interpretation of NMR, UV, IR spectra held at Berkhamsted. |
| 1974 | Attended a residential course on radioisotope techniques at the University of Loughborough. |
| 1980 | Attended a residential Management Training Course. |
| 1981 | Report writing course for chemists. |
| 1982 | Management Training Course (1 week residential). |
| 1983/4 | Management/Supervisor training course. |
| 1985 | Management Course/Time Management. |
| 1986 | Report Editors course for Chemists/Scientists. |
| 1987 | Total Quality Course. |
| 1988 | GLP in the Chemical laboratory RSC - ICI Wilton |
| 1989 | Quality Refresher Course. |
| 1989 | LIMS for the Chemistry Laboratory RSC London. |
| 1989 | Residue levels on crops and their analysis (BCPC London) |
| 1989 | PC training (Word Perfect). |

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| 1990 | COSHH in laboratories. |
| 1990 | Management Skills course. |
| 1991 | Management Skills course. |

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6. SCIENTIFIC PUBLICATION

Synthesis of High Specific Activity Tritium Labelled Dotriacontane.
Journal of Labelled Compounds and Radiopharmaceuticals
Vol XIV, No 2 1978.

7. OTHER RELEVANT DETAILS

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| 1978 | Worked in a problem-solving role at the Agrochemical Division of Bayer AG in Leverkusen West Germany in their Pesticide Residues Laboratory. This work in West Germany enabled Hazleton Laboratories to complete a project on behalf of the sponsor and submit a report to the PSPS. |
| 1985 | Co-author of Chemistry Division's Career/training programmed in chemistry. |
| 1988 | Development of HPLC/GC training course with Leeds Polytechnic. Subsequently modified and 25 chemists trained extensively in chromatography over 1-2 years. |
| 1990 | Developed brochure and overhead presentation on COSHH in laboratories for HUK. Presentation made to Health and Safety Executive. |

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| 1990 | Member of the HUK COSHH Committee. |
| 1991 | Involved with RSC Chemistry at Work Exhibitions involving schools in Yorkshire. |

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